

Title (en)
HAND-HELD POWER TOOL HAVING A DUST EXTRACTION DEVICE

Title (de)
HANDWERKZEUGMASCHINE MIT EINER STAUBABSAUGUNGSEINRICHTUNG

Title (fr)
MACHINE MANUELLE DOTÉE D'UN DISPOSITIF D'ASPIRATION DE POUSSIÈRE

Publication
EP 2185316 A1 20100519 (DE)

Application
EP 08760660 A 20080606

Priority
• EP 2008057090 W 20080606
• DE 102007036783 A 20070803

Abstract (en)
[origin: US2013319711A1] A hand-held power tool is equipped with a dust extraction device which includes a dust box for holding dust. A closing flap is arranged in a tube section which lies in the flow path to the dust box, and this closing flap can be adjusted between the closed position and the open position. The closing flap is pivotably held in the region of the inner wall of the tube section and can be opened in the direction of the dust box. In the closed position, the closing flap bears against a stop which protrudes into the tube section, extends at an angle with respect to the direction of flow through the tube connection piece, and forms a stop line or stop area against which the closing flap correspondingly bears.

IPC 8 full level
B23Q 11/00 (2006.01); **A47L 9/14** (2006.01)

CPC (source: EP US)
A47L 9/1409 (2013.01 - EP US); **A47L 9/1454** (2013.01 - EP US); **B23Q 11/0046** (2013.01 - EP US); **B23Q 11/0071** (2013.01 - US); **Y02P 70/10** (2015.11 - US)

Citation (search report)
See references of WO 2009019057A1

Cited by
EP4353407A1; DE102017201560A1; DE102017201563A1; DE102017201567A1; DE102017201565A1; WO2024078856A1; DE102017201558A1; WO2018141430A1; US11123830B2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
US 2013319711 A1 20131205; US 9475164 B2 20161025; AT E493228 T1 20110115; CN 101855042 A 20101006; CN 101855042 B 20130102; DE 102007036783 A1 20090205; DE 502008002174 D1 20110210; EP 2185316 A1 20100519; EP 2185316 B1 20101229; PL 2185316 T3 20110531; RU 2010107543 A 20110910; RU 2466005 C2 20121110; WO 2009019057 A1 20090212

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US 67179508 A 20080606; AT 08760660 T 20080606; CN 200880101763 A 20080606; DE 102007036783 A 20070803; DE 502008002174 T 20080606; EP 08760660 A 20080606; EP 2008057090 W 20080606; PL 08760660 T 20080606; RU 2010107543 A 20080606